

POND 1 EXCAVATION CALCULATIONS
 TOTAL AREA = 5.98 ACRES
 FILL VOLUME (1.55x) = 38,247 CU.YDS
 EXCAVATION VOLUME = 41,443 CU.YDS
 NET DIFFERENCE = 3,196 CU.YDS.

POND 1 CAPACITY CALCULATIONS (GROSS)
 TOTAL AREA (EL 3167.55') = 4.17 ACRES
 VOLUME = 86,303 CU.YDS
 CAPACITY = 415,023 BBLS

POND 1 CAPACITY CALCULATIONS (NET)
 TOTAL AREA (EL 3164.55) = 3.81 ACRES
 VOLUME = 70,796 CU.YDS
 CAPACITY = 340,451 BBLS

POND 1 BREECH VOLUME CALCULATIONS
 BETWEEN EL 3155.0' - 3167.55'
 VOLUME = 69,783 CU.YDS
 CAPACITY = 335,580 BBLS

POND 2 EXCAVATION CALCULATIONS
 TOTAL AREA = 6.40 ACRES
 FILL VOLUME (1.55x) = 39,109 CU.YDS
 EXCAVATION VOLUME = 37,448 CU.YDS
 NET DIFFERENCE = 1,661 CU.YDS.

POND 2 CAPACITY CALCULATIONS (GROSS)
 TOTAL AREA (EL 3161.00') = 4.52 ACRES
 VOLUME = 90,932 CU.YDS
 CAPACITY = 437,283 BBLS

POND 2 CAPACITY CALCULATIONS (NET)
 TOTAL AREA (EL 3158.00') = 4.14 ACRES
 VOLUME = 74,364 CU.YDS
 CAPACITY = 357,609 BBLS

POND 2 BREECH VOLUME CALCULATIONS
 BETWEEN EL 3148.0' - 3161.00'
 VOLUME = 79,638 CU.YDS
 CAPACITY = 382,971 BBLS

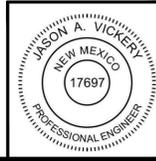
NOTES

- PUMPING SYSTEMS ARE INSTALLED BY CHEVRON. PIPE STANDS AND PUMPS ARE LOCATED BY CHEVRON.
- THE CONTRACTOR SHALL REFER TO THE TECHNICAL SPECIFICATIONS FOR THE SALADO DRAW WATER RECYCLING PROJECT IN ADDITION TO THE DRAWINGS FOR EARTHWORK CONSTRUCTION.
- SEE SHEET 16 FOR POND 1 AND POND 2 ABOVE GRADE STAKING PLAN

RECEIVED
 By OCD Dr Oberding at 10:13 am, Dec 16, 2016

LEGEND

- 3155 EXISTING 5' CONTOUR INTERVAL (FEET, MSL)
- EXISTING 1' CONTOUR INTERVAL
- 3150 PROPOSED 2' CONTOUR INTERVAL (FEET, MSL)
- PROPOSED 1' CONTOUR INTERVAL
- PERMIT BOUNDARY



REVISIONS		NO.	DATE	DESCRIPTION

DESIGNED	NL
DRAWN	DKK
CHECKED	JV
DATE	10/18/16

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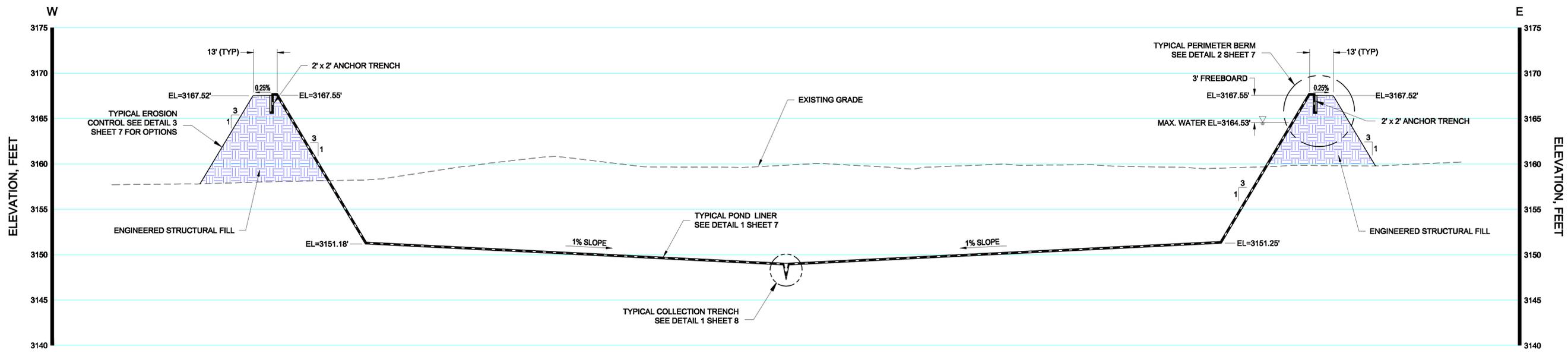
Tetra Tech Inc.
 Texas Registered Engineering Firm F-3924
4000 N. BIG SPRING, Suite 401
MIDLAND, TEXAS 79705
(432) 682-4559

VERIFY SCALE
 BAR IS ONE (1) INCH ON ORIGINAL DRAWING.
 0 1" IF NOT ONE (1) INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

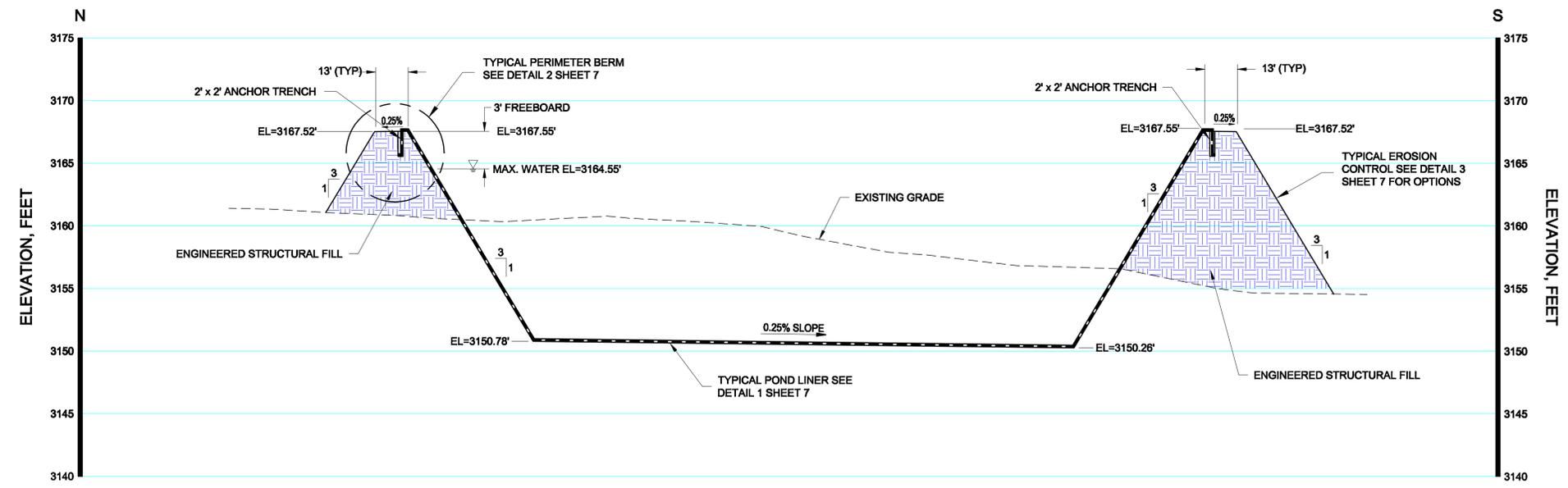
SCALES:
 HORIZONTAL SCALE: 1" = 80'
 VERTICAL SCALE: NA

POND 1 AND POND 2 COMPLETION PLAN
SALADO DRAW
LEA COUNTY, NEW MEXICO

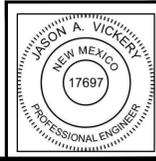
PROJECT NO.
 212C-MD-00546
DRAWING NO.
 C-4
SHEET NO.
 4 OF 16



Section A
VERTICAL SCALE EXAGGERATED 5X



Section B
VERTICAL SCALE EXAGGERATED 5X



REVISIONS		DESIGNED	NL
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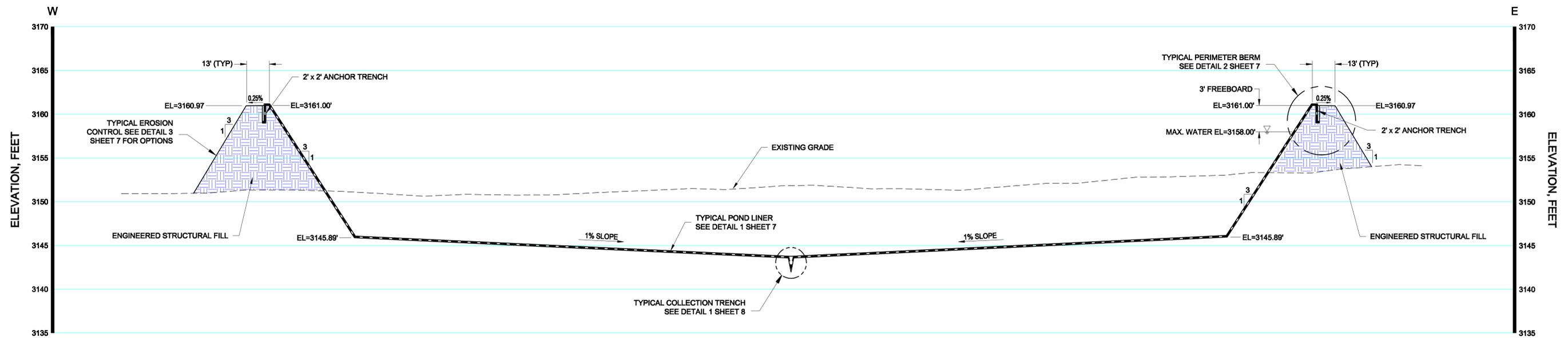
CHEVRON N.A. E&P, MCBU
LEA COUNTY, NEW MEXICO
GPS (WGS84): 32.034518°N, -103.638474°W

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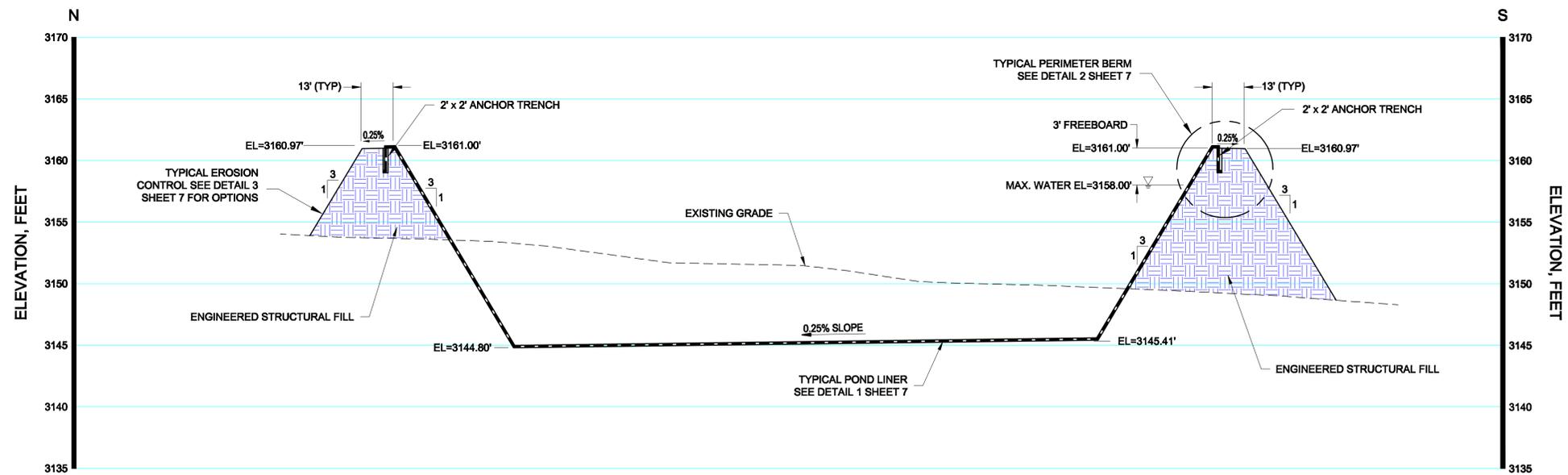
SCALES:
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 6'

POND 1 CROSS-SECTIONS
SALADO DRAW
LEA COUNTY, NEW MEXICO

PROJECT NO. 212C-MD-00546
DRAWING NO. C-5
SHEET NO. 5 OF 16



Section E
VERTICAL SCALE EXAGGERATED 5X



Section F
VERTICAL SCALE EXAGGERATED 5X



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SCALES:
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VERTICAL SCALE: 1" = 6'

POND 2 CROSS-SECTIONS
SALADO DRAW
LEA COUNTY, NEW MEXICO

PROJECT NO. 212C-MD-00546
DRAWING NO. C-6
SHEET NO. 6 OF 16